## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 7 July 2005 (07.07.2005)

PCT

## (10) International Publication Number WO 2005/061361 A2

(51) International Patent Classification<sup>7</sup>:

**B66B** 

(21) International Application Number:

PCT/GB2004/005295

(22) International Filing Date:

17 December 2004 (17.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0329785.0

20 December 2003 (20.12.2003)

- (71) Applicant (for all designated States except US): STAN-NAH LIFTS LIMITED [GB/GB]; Anton Mill, Andover, Hampshire SP10 2NX (GB).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): LEE, Martin, Adrian [GB/GB]; 4, Verden Way, Andover, Hampshire SP10 4LH (GB).
- (74) Agent: STRACHAN, Victoria, Jane; Urquhart-Dykes & Lord LLP, Alexandra House, 1 Alexandra Road, Swansea SA1 5ED (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(54) Title: IMPROVEMENTS IN OR RELATING TO DRIVE SYSTEMS

(57) Abstract: A hydraulically driven elevator or lift is provided with counterbalance means to at least partly counterbalance the load imposed by the load carrier or lift car. Operation of the counterbalance means, which includes a substantially constant volume of pressurised fluid, does not involve any interference with the working fluid of the hydraulic drive system.